

VEDDERPRICE

VEDDER, PRICE, KAUFMAN & KAMMHOLZ, P.C.
222 NORTH LASALLE STREET
CHICAGO, ILLINOIS 60601
312-809-7500
FACSIMILE: 312-609-5005

RECEIVED
CENTRAL FAX CENTER
SEP 24 2004

Facsimile

OFFICES IN CHICAGO, NEW YORK CITY AND ROSELAND, NEW JERSEY

If you have any problems with this transmittal,
please call 312 609-5001.
Our Fax Number is 312-609-5005.

Confidentiality Note

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivery of the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone at 312-609-5001, and return this original message to us at the above address via the U.S. Postal Service. Thank you.

Fax Operator:

Please deliver the following page(s) to:

Page 1

Name: U.S. Patent and Trademark Office

Fax No.: 703-872-9306

Firm:

Confirmation No.: 312-609-5005

From: Mark A. Dalla Valle

Sender's Ext.: 7620

Date: September 24, 2004

Total Pages: 3

Client No.: 11461.00.5703

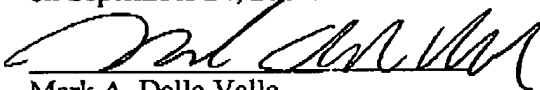
Time Received by Fax Dept.:

2004 SEP 24 PM 2:17

Message:

U.S. Patent Application No. 10/675,547, filed September 30, 2003, Docket No. 11461.00.5703

I hereby certify that this correspondence; Power of Attorney (PTO/SB/81) and Statement Under 37 CFR (PTO/SB/96) are being facsimile transmitted to the United States Patent and Trademark Office on September 24, 2004.



Mark A. Dalla Valle
Reg. No. 34,147

PTO/SB/81 (05-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	10/675,547
Filing Date	September 30, 2003
First Named Inventor	Christopher Barratt
Title	Radio frequency (RF) filter with multiplexed low bandpass filter and comb filter (LTC) substrate
Art Unit	2811
Examiner Name	TBD
Attorney Docket Number	P05703(11461.00.5703)

I hereby appoint:



Practitioners at Customer Number

23418

Place Customer
Number Bar Code
Label here

OR



Practitioner(s) named below:

Name	Registration Number
Mark A. Dalla Valle	34,147

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:



The above-mentioned Customer Number.

OR



Practitioners at Customer Number.

Place Customer
Number Bar Code
Label here

OR

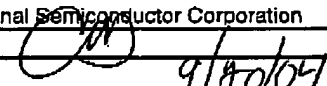
<input checked="" type="checkbox"/>	Firm or Individual Name	Vedder, Price, Kaufman & Kammholz				
	Address	222 North LaSalle Street				
	Address	Suite 2400				
	City	Chicago	State	IL	Zip	60601
	Country	USA				
	Telephone	312-609-7500	Fax	312-609-5005		

I am the:



Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	National Semiconductor Corporation				
Signature					
Date	9/20/04			Telephone	408 721-8155

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1280669

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/96 (06-04)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Christopher BarrattApplication No./Patent No.: 10/675,547 Filed/Issue Date: September 30, 2003Entitled: Radio Frequency (RF) Filter Within Multilayered Low Temperature Co-fired Ceramic (LTCC) SubstrateNational Semiconductor Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. [✓] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014568, Frame 0029, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9/20/04
Date

408 721-6155

Telephone number

Christopher J. Byrne

Typed or printed name

Signature

Director of IP & Technology Licensing
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.